OIPE JC67 JAN 26 2004 PATENT & TRADEMARK OFFICE

Fig. 1
(PRIOR ART)

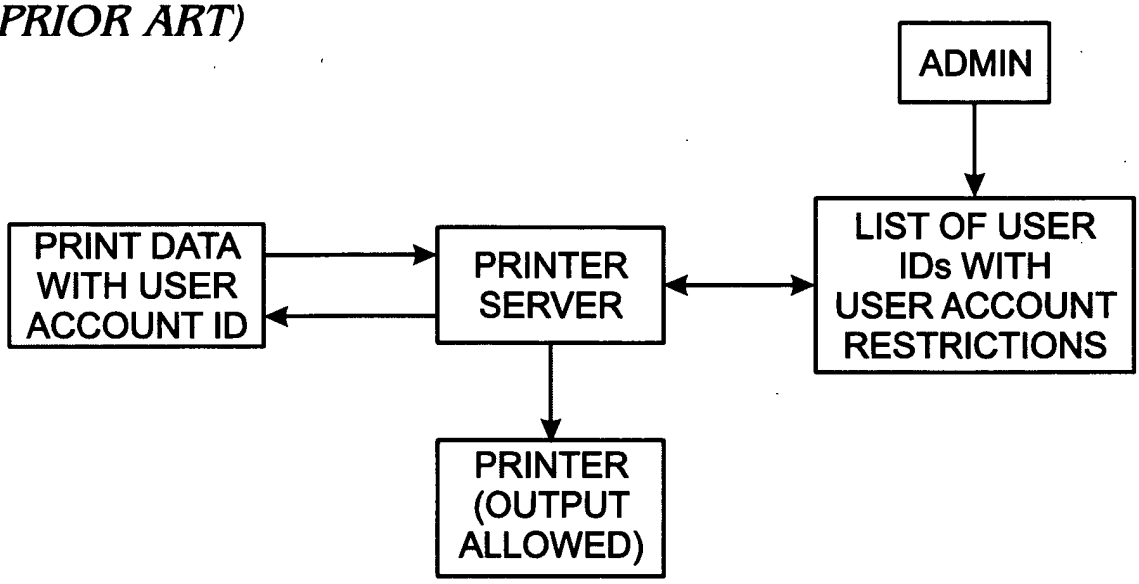
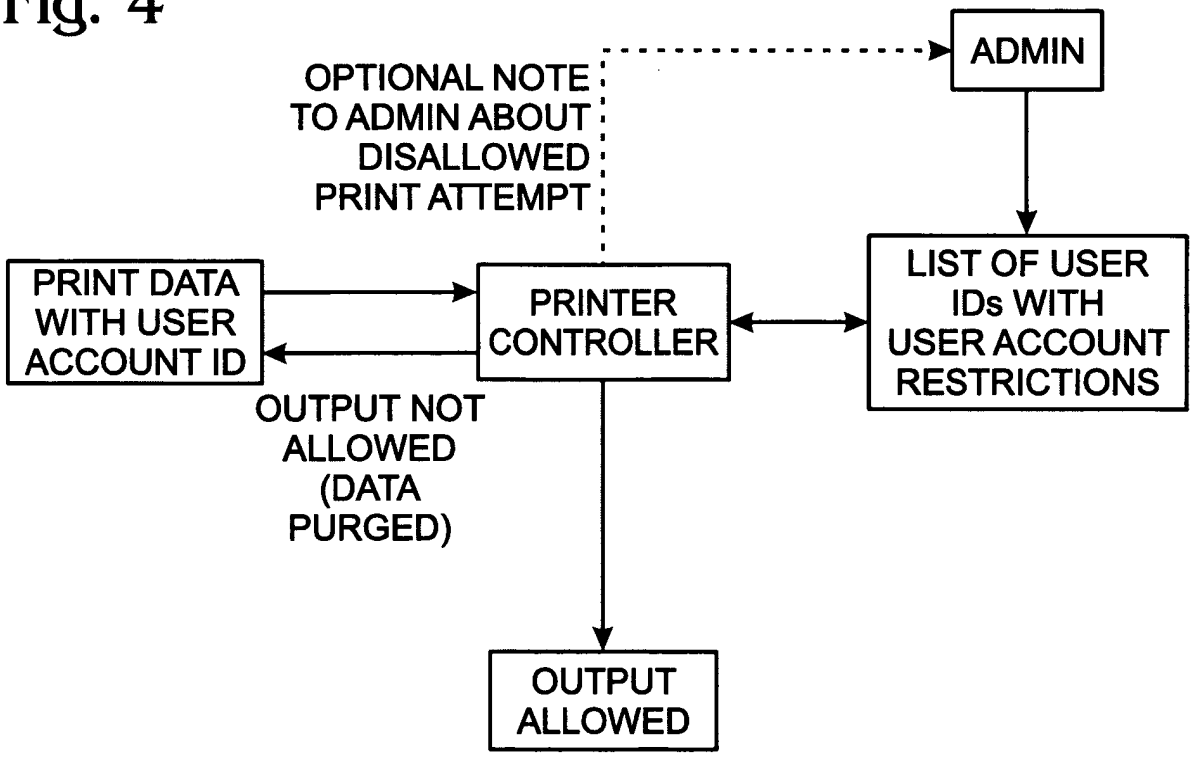

ADMIN
PRINT DATA WITH USER ACCOUNT ID
PRINTER SERVER
LIST OF USER IDs WITH USER ACCOUNT RESTRICTIONS
PRINTER (OUTPUT ALLOWED)

Fig. 4


ADMIN
OPTIONAL NOTE TO ADMIN ABOUT DISALLOWED PRINT ATTEMPT
PRINT DATA WITH USER ACCOUNT ID
PRINTER CONTROLLER
LIST OF USER IDs WITH USER ACCOUNT RESTRICTIONS
OUTPUT NOT ALLOWED (DATA PURGED)
OUTPUT ALLOWED

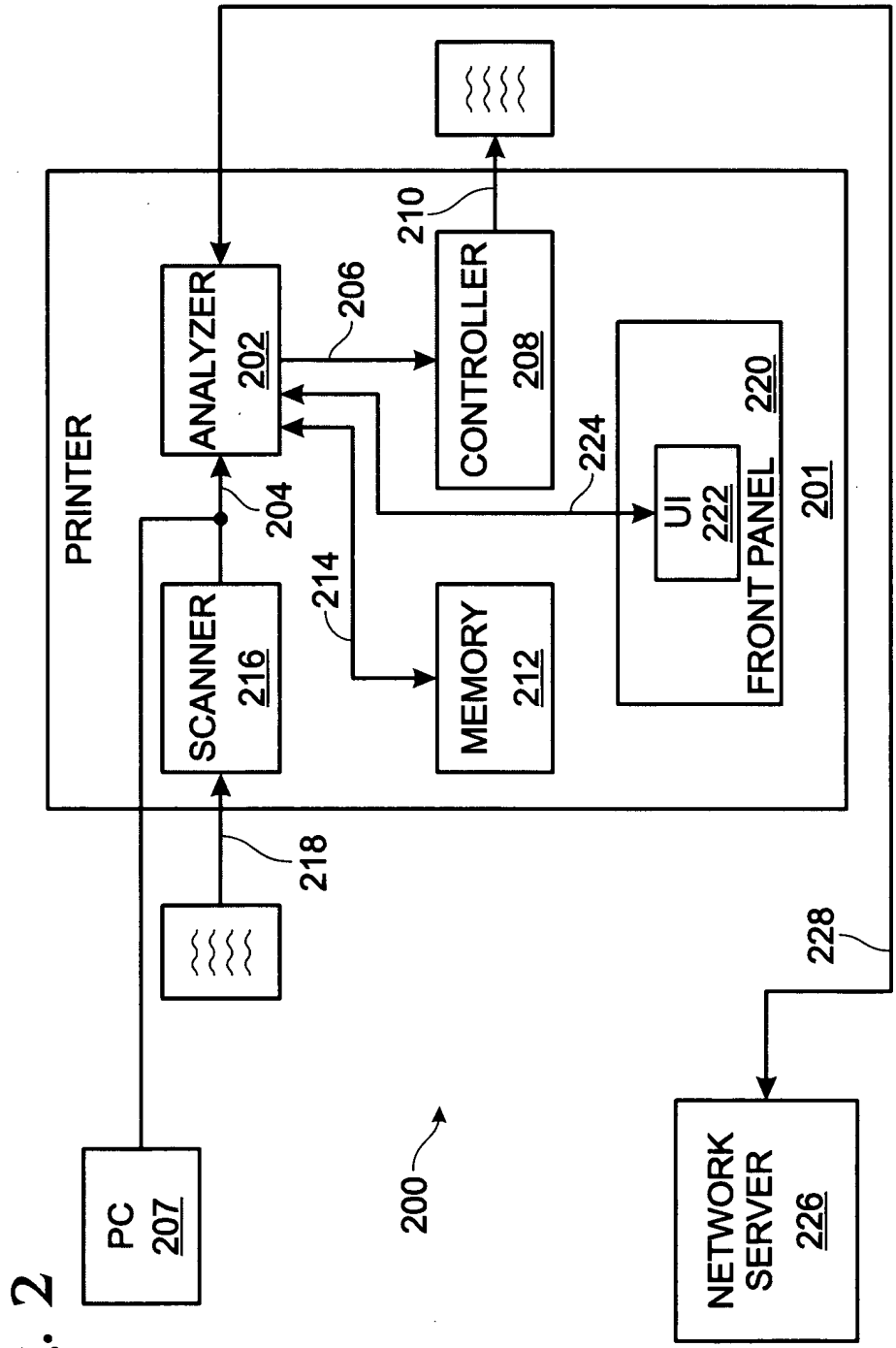
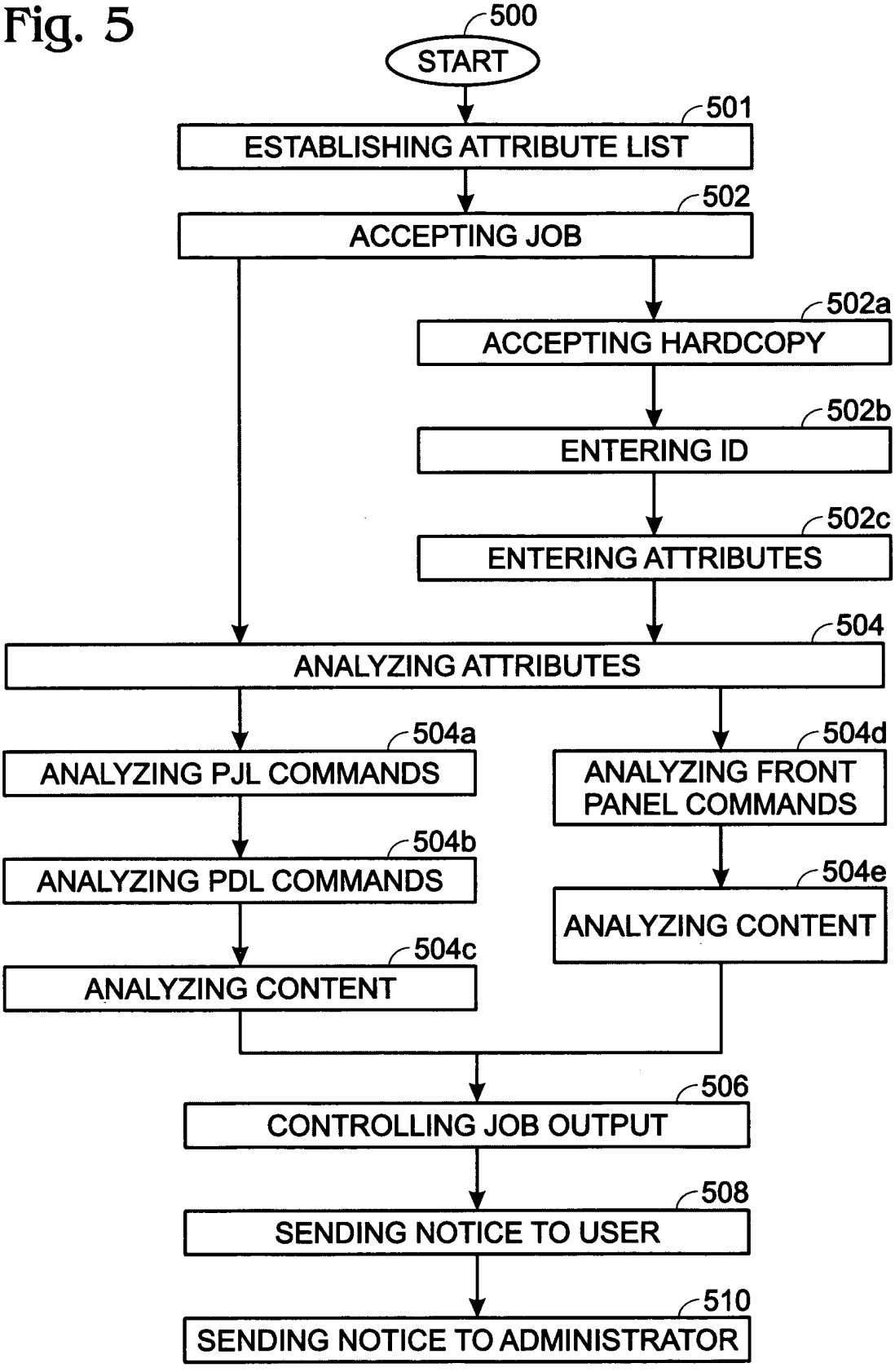

PRINTER
ANALYZER
202
206
CONTROLLER
208
210
204
SCANNER
216
214
MEMORY
212
224
UI
222
FRONT PANEL
220
201
218
228
PC
207
200
NETWORK
SERVER
226

Fig. 2

Fig. 3

USER	RESTRICTED ATTRIBUTES	CONTENT RESTRICTIONS	QUOTA RESTRICTIONS
BOB	COLOR PHOTO PAPER		
MARY	DOCUMENT CONTENT	"PROJECT XYZ" "RESUME"	
JIM	PHYSICAL WATERMARK "JKL" DIGITAL WATERMARK "123"		
JILL	COLOR		100 SHEETS

Fig. 5


500
START
501
ESTABLISHING ATTRIBUTE LIST
502
ACCEPTING JOB
502a
ACCEPTING HARDCOPY
502b
ENTERING ID
502c
ENTERING ATTRIBUTES
504
ANALYZING ATTRIBUTES
504a
ANALYZING PJL COMMANDS
504b
ANALYZING PDL COMMANDS
504c
ANALYZING CONTENT
504d
ANALYZING FRONT PANEL COMMANDS
504e
ANALYZING CONTENT
506
CONTROLLING JOB OUTPUT
508
SENDING NOTICE TO USER
510
SENDING NOTICE TO ADMINISTRATOR